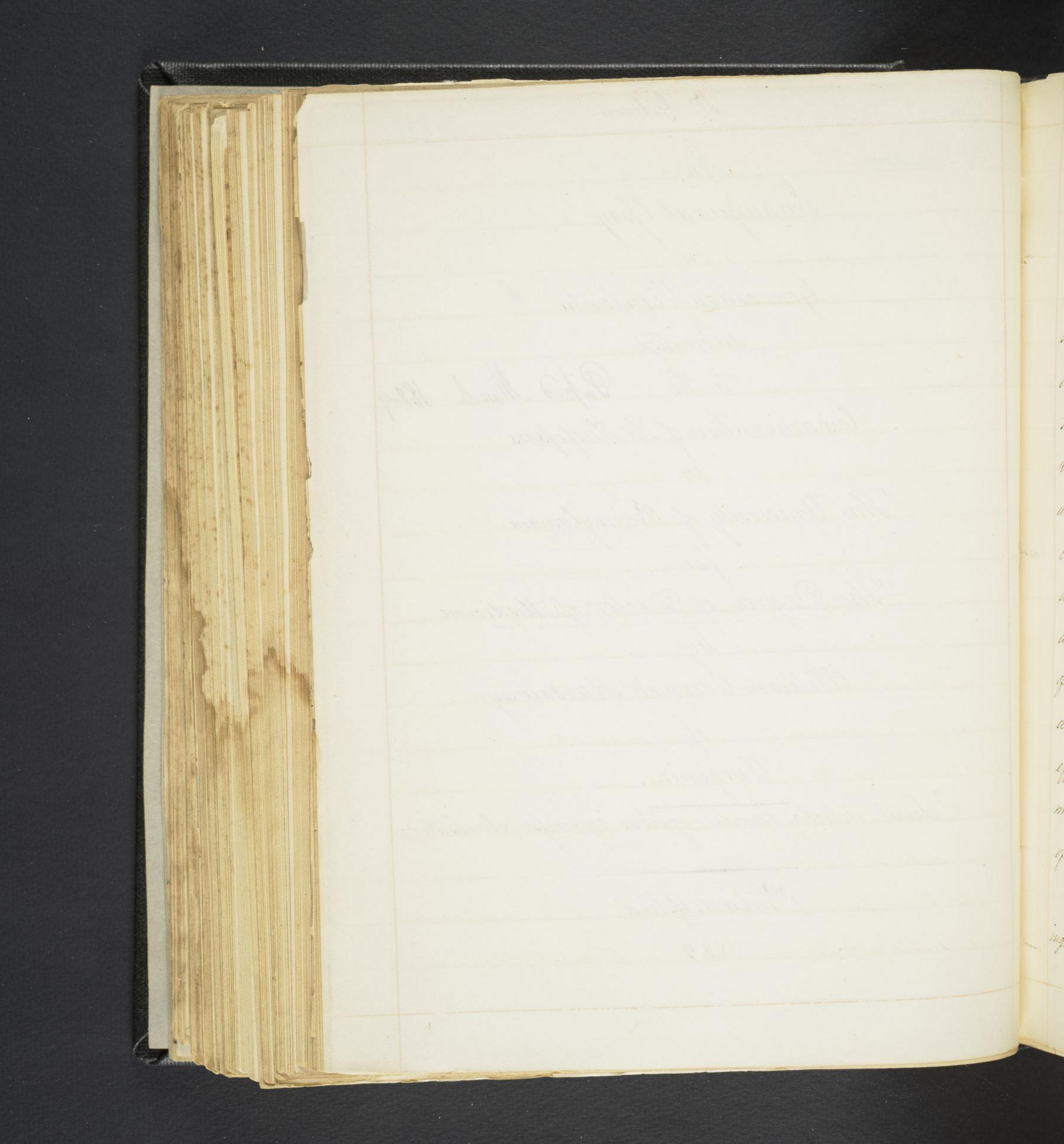
Dr Gobson Jan: 17 " 1829 No 92 38 Jandom Inaugural Essay Gonorrhaa Virulenta Submitted to the Paper March 1829
Examination of the Professors The University of Pennsylvania The Degree of Doctor of Medicine William Edward Stardaway "Junt delicta tamen, gribus ignovife velimus. Hor: Philadelphia 1829

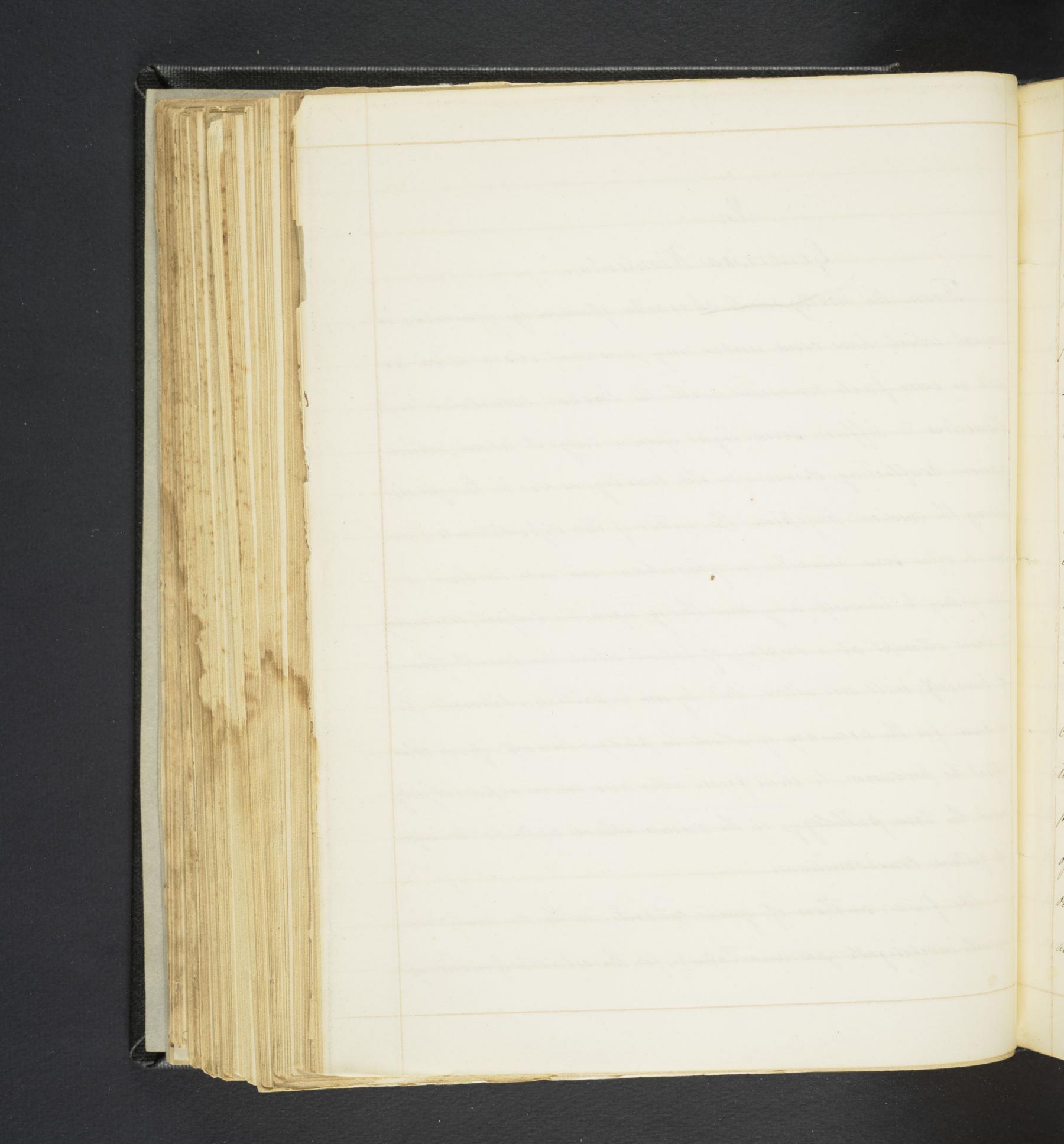


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Gonorrhaa Virulenta.

From the maliquent character assumed by gonorrhea in several which have come under my personal observation as well as some facts connected with the disease, calculated in Themselves to diffuse some light upon a subject about which various conflicting opinions in this country, as also in Europeerint among the medical profession, the unther of this dissertation is inon. ced to offer some remarks on gonorshau, not with the view of arrogating to binnell any new theory upon the subject, or of making a vain attempt at a virplay of talents which his humble opinion of himself will mot allow, but, by an impartial statement of a can for the accuracy of which he pleages himself if no other effect be produced, to clicit from abler and more sixuned judge ment the True pathology of the ornean which will be the subject of future consideration.

the find authors of great celebrity on the one hand contend ing with indefatigable geal and talents for the establishment of



the theory of the menosphilities nature of generalization theory of the there is no identity in the tirus of explaining gonorrance. At the same time, others of equal fame and eminence in every department of science advocate the special opening, lith parties additing cases and many begins arguments to surtain their favourite destrine. That both can be altogether in the right where such conflicting spinions exist is not to be surprocess; and it valoue by matters of fait, underguine by the supposees; and it valoue by matters of fait, underguine by the supposees; and it valoue by matters of fait, underguine by the supposees; all ingenious and learned discourses, directed of all the materials calculation to minhase the movines in medicals december faithfully actualed, that we are to avoid a lady mith of inventionable and often fatat perplemities.

Far he it from me, as intenoing to detract from the incalculable benefits resulting from a well based theory, or as alone
ting its exclusion from subjects that are medical; for it as
properly belongs to this, as to any other science, as by it we are
often enabled to arrive at light, reflected from the occult regions of
timese, by which we are quided with underivating cortainty through
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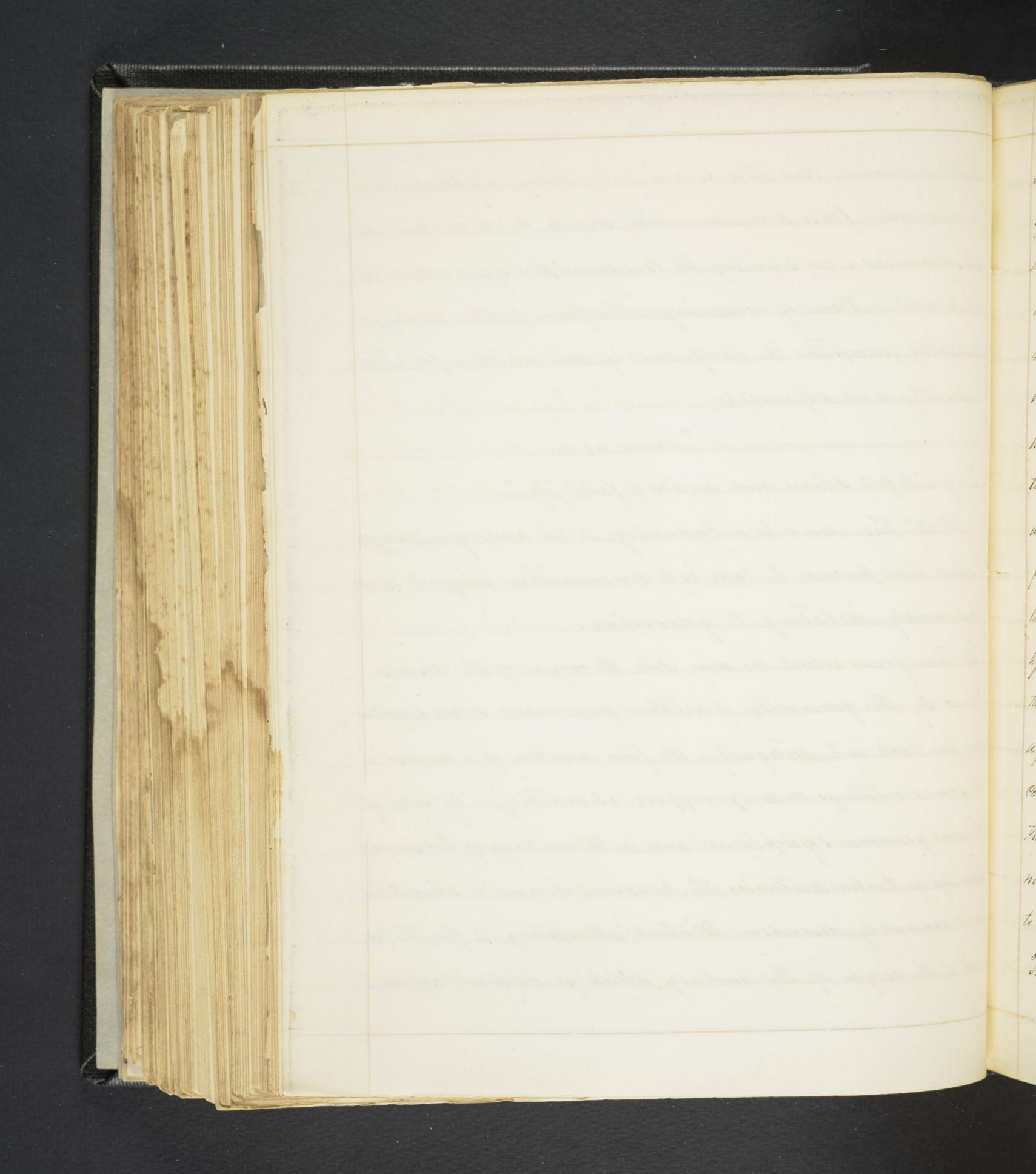
health or vireaw. But there is a kins of Theory or speculation founded upon false ferencies, which should be diseasoned as unsubstantial and wanting the true principles upon which we are to erect a train of acasoning, after from facts, analogy or hympathy, deceptive in itself, and if not watched for, will insensibly and syrenlike

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"To quillful I hours and meads of fatal joy."

Illith these remarks, introductory to the subsequent pages I shall now proceed to take into consideration subjects more immediately relating to gonorrhea.

The time from which we may date the origin of the civeaux termed by the generality of author generalized seems to entire very far back into antiquity. We find mention of a ornewe in the sacred writings called your oppress, characterized by some of the most general egymptoms; and in the writings of belows as long ago as twelve centuries, the veneral disease is vain to be most accurately described. Ill thous attempting to fix the per view of the origin of this malacy, which is deemed an un-



important point, only as it relates to the listory of discuses and of medicine, it will be deemed adequate to the chief design of This discourse, to leave This part of The subject to The curious, and to those who may have a better and more extensive of portunity of research to join in the oiseupsion. It seems however, a well esta-Histure fact, from the preceding authority that gonorshau must have had an excistence in some one or other of its forms anticedently to the discovery of America by botum bus in The year 1492, about which time it is contended by some, That The disease was carried from this Country to Europee; and if gonorrhea, chanese, and bues aenered, all arose from the same original infection, as is aported by the most respectable authority and in which opinion I entertain the most entire crecence; it therefore, follows, that in arriving at a just conclusion whon This point, that The disease in question Could not have originated in America, and That in ascribing till, This country is its place of matienty, if The expression is allowable, not only illiberal but impustifiable calcumny her been attempted te be imposed upon our national character.

The norotogical arrangement of the illustrious bullen places genoriha

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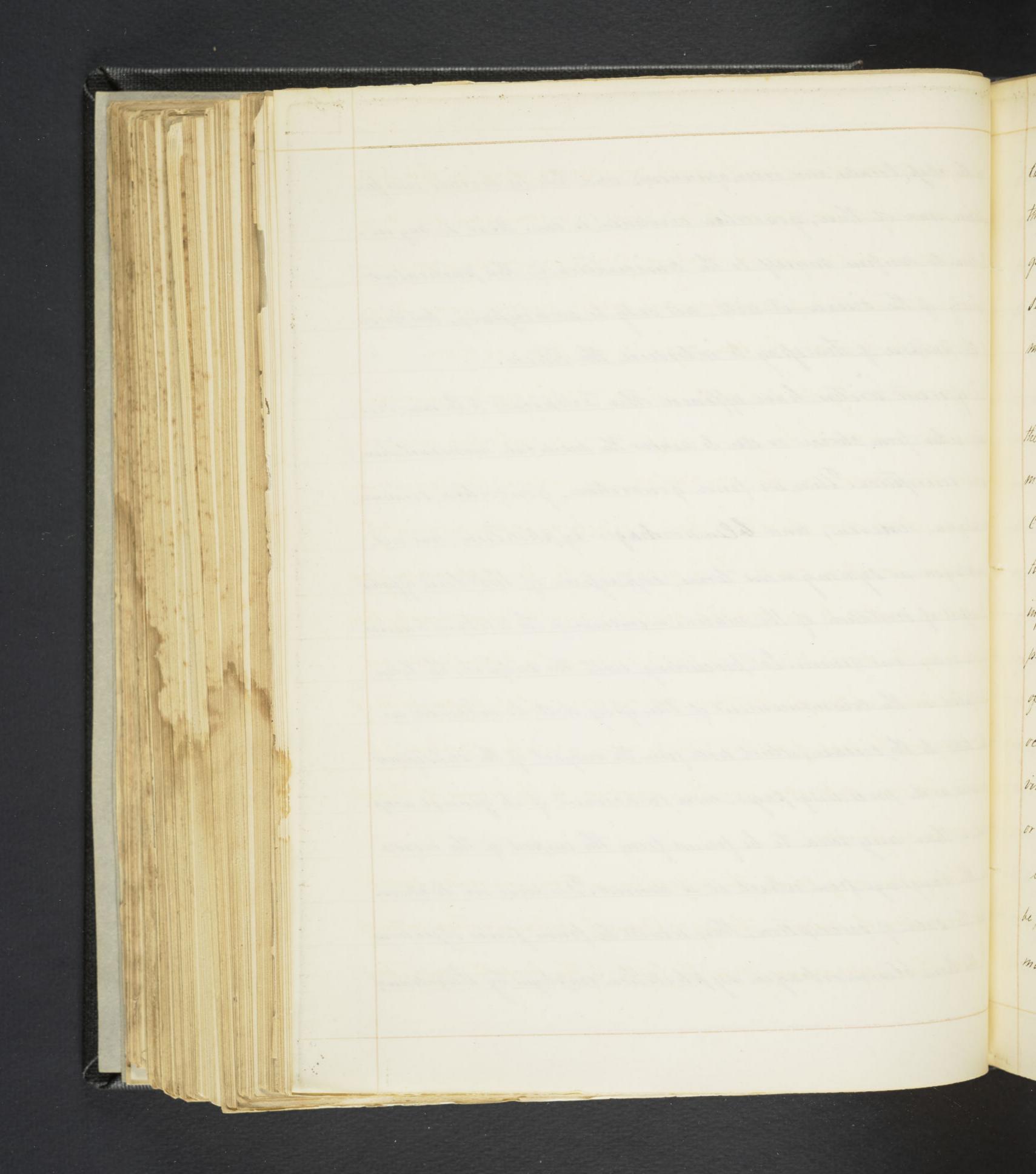
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in the clap, locales, and order, aposeenous; and this he divides into form species, and of these, gonorched virulentu is one. as it is my intention to confine myself to the consideration of this particular variety of the disease, it will, not only be unmerspary, but foreign to the purpose of this spay to introduce the others.

Different writers have affined other technicals to the same vis case, either from choice or else to sender the medical momenelature mon descriptive. Thus, we find gonorrhea, gonorrhea viralinta, maligna, venerea, and blennorthagia by philitica are all an ployed an synonymous term, expassive of that local affection the effect of irritation of the mucous membrane of the wrethere curious by a vinus, and generis. In proceeding with the subject, the term adopted in the commencement of This spay will be retained as the title to the oisease, which will from the subject of the subsequent as well as the preceding pages, more on account of its general acceptation than any idea to be found from the import of the words in the language from which it is derived. For were we to choose for the sake of description, there would be found four objections to the term blensoor bagin sy philitien employed by Sweetians,



taking) its derivation from the greek word BAEVVA, mung, and pEW, to flow than any which has occurred to me; since it is considered and very generally admitted that the bircharge from a gonorshew is not poisoned semen, but, that it is a muco-purulent matter rendered acrice and morbifich by its union with The original and peculiar virus.

Gonorchea, by which I wish always to be investors as meaning, the virulent form of the bisease unlip otherwise experience, is unlike most other biseases in This particular; that, whereas, there are various Causes which may operate to their production, it has invariably the same exciting cause. It is generated by the application of an infection matter to an expersed surface; and this most usually takes place by the direct contact of parts during the copulative act of the series, although, instances are on second of its propagation by occupying the seat of an infected person, on which a portion of the time has been deposited and then appliced to the presis of the male, or vulva of females.

When from any cause, the infection is communicated so as to be productive of disease, the symptoms of contamination usually make their appearance from the fifth to the tweloth day; They

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frequently, however, are not manifestaduntil a later perior, uno Constitues, owing to certain habits or peculiarities of constitution producing a predisposition to the disease, it has been known to assail its unfortunate victim in the course of one or tur days. The distinguishing or mptoms of gonorshea virulenta, I must be indulged in transcribing from Profepor Gibson's work on enging Containing a treatise on this embject, in which, they are laire down with that perspicuity and accuracy of observation so peculiar to himself, that I am sure the liberty I have allowed myself, will be granted by others and be far more acceptable than any other offering of the trine ! could possibly make . In the commencement of gonorrhea, the symptoms "are a slight titillation or uneasing of the glam penis, a pouting or turnivity of the lips of the wrether more or less accumes or inflammation about the prepues and glams, together with a general fulness of the whole penis. These are soon followed by a discharge from the wrethra of a Thindhitish fluid, at first assembling common mucus, but speedily Changing into a thick tenacion purulent meether of gellow Colour and peculiar smell. Considerable pain is more felt

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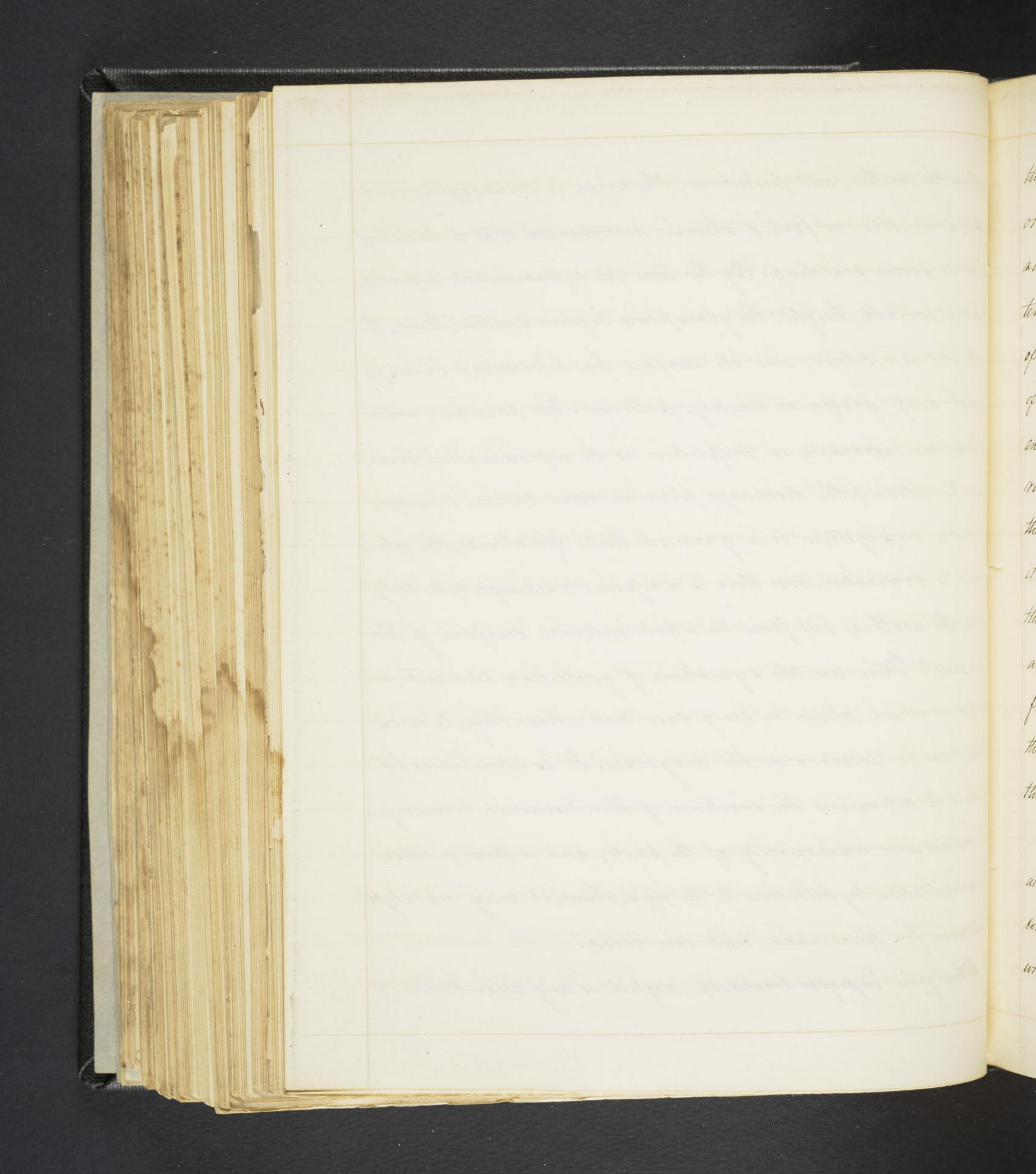
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along the unthra and perineum, the urine is discharged in a Thin, wire-like or forteed stream, accompanied with a burning heat or severe scalding. By this time the inflammation attains a considerable height, the glass penis becomes swollen, tense, of a bright ned colour, and its surface has a peculiar shining aspect, as if glazea or highly polished. The pain and aroon wince are increased in proportion as the inflammation rises, and the colour of the discharge from the same cause, changes from a deep yellow to a greenish tint. Oftentimes the glass penin is executated, and there is a copious discharge not only from the wether but from the whole internal surface of the prepuce" These are The symptoms of gonorshaw vinulenta, mon or all of which attend in every case, and where They so exist there can be me error in the diagnosis. It is sometimes offficult to determine the existence of This disease in evomen, from the comparative insensibility of the parts; and without a close discrimination by attention to the symptom, it may readilybe mistatuen for luccorrhaa, and vice versa.

When from improper treatment, neglect or any other cause, the



The inflammatory stage continuing and extending itself along the land of the wrether, affects the glands situated in its bourse, the orifices of the different ducts forming communications with the wrether, and finally neaches the neck of the blacker.

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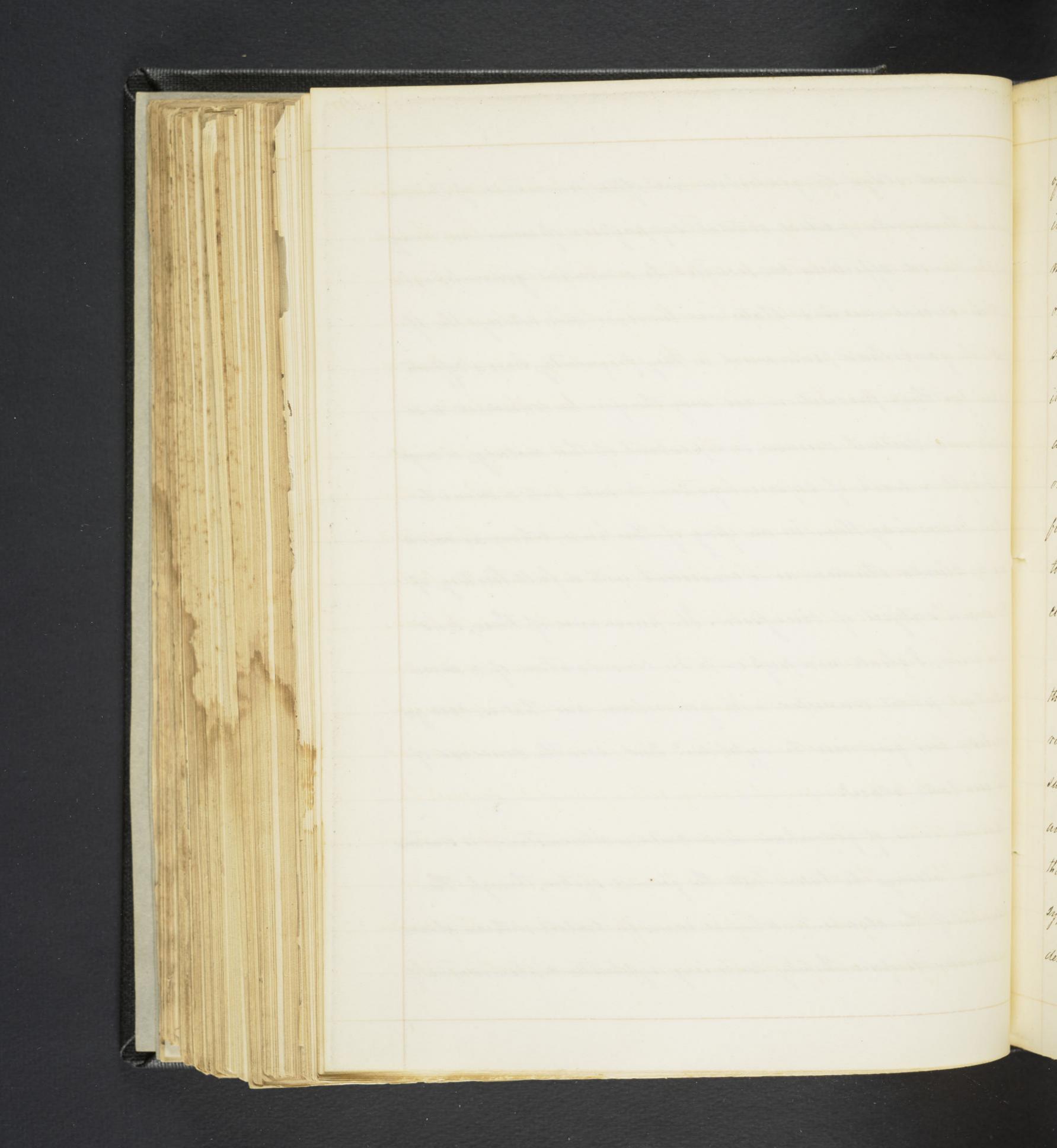
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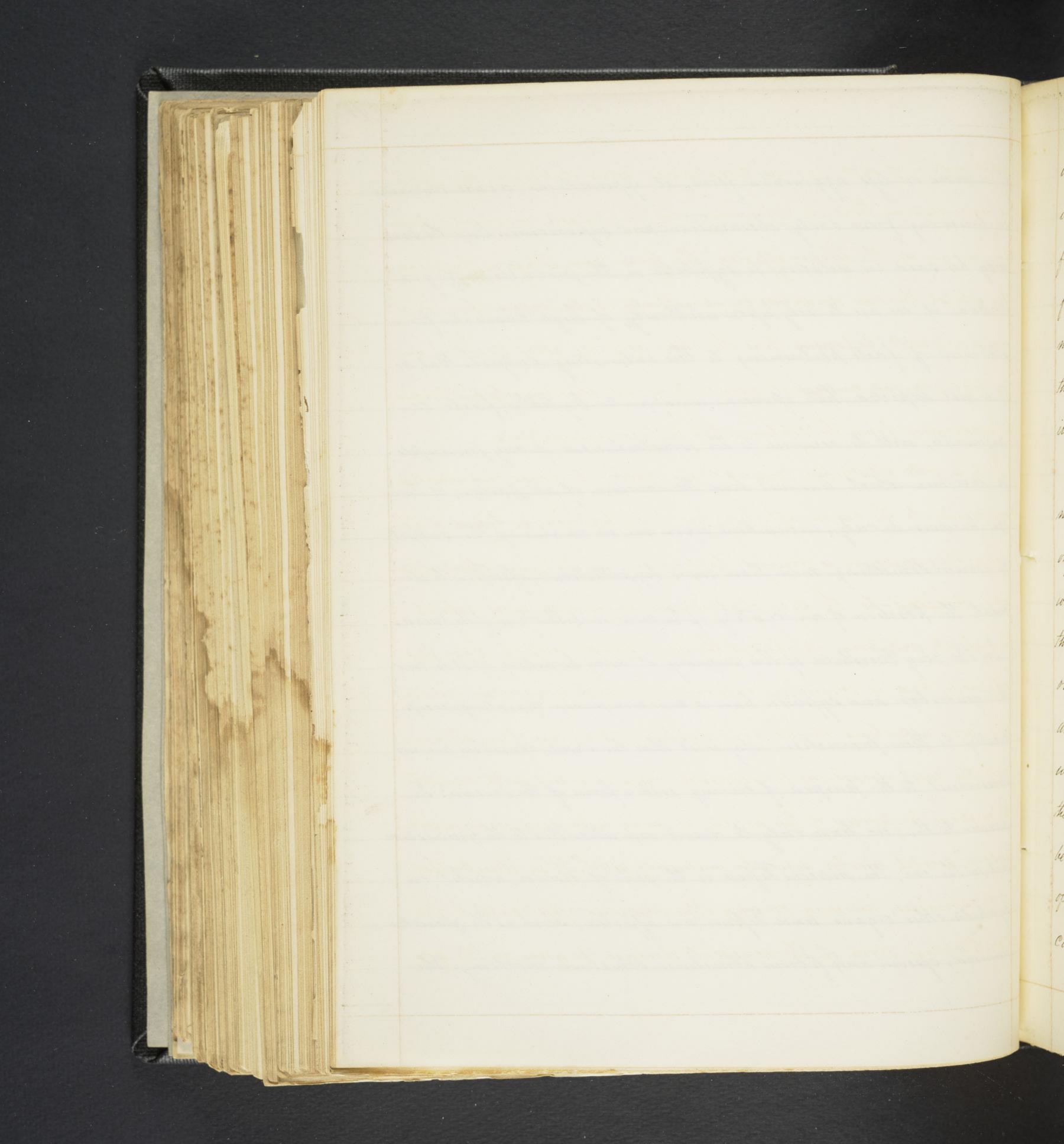
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There several stages of gonorrhea are often productive of strictures hernia humoralis, partial or total suppossion of wine, and many of the varied affections consecutive to a virulent gonorrhaa; but, as then several diseased states use however mit always the effeets of gonorrhaea, inasmuch as they frequently have a different Course for Their production, and may Therefore be considered as se parate and distinct diseases, independent of this malady, it might be thought a work of supreservorgation, to enter into a minute detail concerning them in an espeny of this hind, where as much bacoity should studied as is consistent with a full history of the main subject of discussion. In pursuance of These, and other views, I shall now perfoon to the consideration of a more important point connected with gonorshoea, and that is, does go. norrhæa ever give rise to supplielis? Ano, voes the converse of this ever take place?

That The virus of gonorrhoa under certain circumstances is sometimes and may always be taken into the general system, through the medium of the absorbents, when it comes in contact with an abraid or elevated surface, thereby providing syphilitic contamination of



of a more or less aggravated form, it appears to me, we are warranted in believing from outly observation and experience. And the same may be said in nelation to syphilis in the production of gon. orrhau, if we are to very upon authority of high character for a statement of facts pertaining to this interesting subject. But, as it is not expected that opinions unsupported by either facts or arguments, will be received to the establishment of any principle or ovetrine which has not had the sanction of all parties; it there for he comes a outy, incumbent upon me in examing This subject, to acouse something more Than mere hypothetical apertion to elec cidate the position of an identity of the vines in either form of the onease. In the very threshold of this enquiry it may be asked, if it be true that gonorrhoa and syphilis have a common poison operating reciprecally to their production, why is it that the same semedies are mit subservient to the purpose of evering either form of the disease? In answer to this, we have only to direct our attention to the circumstance that in the one, the mucous lipue is the seat of disease, whilst in Typhilis other organs und Tipues are affected, such as The glassidas dermoia, afreon and fibrous structures, sometimes involving The



whole fabric of man in one complicated maps of disease. And hence it will appear that in clineding our treatment we should take for our quide the tipen affected, the form and stage of the oriens; for whilst the one demands comparatively mile means for its ne moval, it will be found that the other requires great exertion, and the most general remedial agents to arrest its progress and procuse its eradication from the system when it becomes involved.

It is a well established frimitable in practice to adopt our remeires met merety to the organ affected, but to the particular lifewe of that organ; they mereure is known to province michieves effects when when birected to the cure of directed mecone surfaces, whilet through its salutary operations the most happy secults have been obtained, and is especially applicable, in most glandiclar diseases, and three affecting the general system which are often attended with the most direction consequences, and in which was great justice be said, averted morter, periode metuenia pellis. If in illustration of the premises, moreous, or any other associates applicable to the constitutional form of the venerical directe, he given in the gon-

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orrhead form, where the orsease is seated in the mucous lining of the wrethra, they will for the most part prove mugatory if not injurious; but let the general system become implicated by The absorption of this same virus which is generated in the une Thra, uno it is then, that mereury and other constitutional remedies come most happily to our aid, without which, man would of tener prove the subject of an ignominious death and an untime by grave. It is upon this same principle in practice, that we are lead to abundon the usual nensecies of the local disease, when it becomes constitutional. In this last care, of what service would diverties and injections, so necessary to the cure of the primary affection, prove in arresting the obstinate career of disease. In vain might we exepcet or even hope for selief from Their remedial powers, and thus be left to linger out a miserable excistence, nelying, perhaps too much in specific dineases and specific remedies. Unother prominent objection to the sameness of the two vineaus has originated in the fact, that gonorrhad is mit followed in every instance by syphilitic symptoms; and this circumstance has induced those who are opposed to their identity, as also others

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who are suplical on the subject to ask, if gonorhau is capable of assuming the exphilitive form of disease, why soes this occurrence mot happen oftener and with a greater degree of certainty? To obvious this objection, if the structure and functions of the parts in gonor where he taken into consideration, it will at once he perceived that there are very great difficulties opposed to the introduction of the virus into the circulation, by which the system at large can alone become diseased.

The mucous secretion accompanying the virus of gonorhan him a very great agency in destroying the acre can't mortified qualities of this power, so as to sender it less effective on the parts to whenh it may be applied. Buildes, it is proved by numerous post mortem examinations, that elecration of the wrethern never takes place even in the worst forms of this disease. And it would seem from This exemption of the wrethern to the elecrative process, that the months of the absorbent vefuls are thus prevented from coming in contain with the virus; for it will not be afrested that secondary symptoms supervoise a gonorshow, when the integrity of the membranes contained common tegumentary covering is uninterrupted. And considering



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the pancity of eases in which this interruption occurs, as well no the uncertainty of the application of the matter of government then in every instance, it may be readily seen, why the secondary effects of government, as not always manifest them selves, and why in every case of this viscase we may not be lead into anticipation of these said consequences.

There are their various and multiplies objections which have been urged in opposition to the pathological views acretic in relation to the laboral of lowideration. But as an examination of these separately, would lead to a farther dignificant from what was my intention in the commencement of the subject, which was currously to mine some few, which occurred to me as the most prominent and plausible; and since there are aiming objections for the most past, consist in inference and arguments derived from attaching an union value to megative proof, they will be paper over without further conscient in the opening their for their refutation, as also for support in the opinions advanced in this spay.

Consulting the writings of Succious as authority, in actation to the sameness of gonerohan under philis, which seem to differ only

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in nanw and the seat of disease, we shall find several cases of se-Convary or syphilitie symptom originating from gonorshew. In this work to which reference has already been made, the fact is distinctly stated of gonorrhed having been caused, by the intro Suction of suphilitic matter taken from an aleer into the orifice of the weethra; and we are assured in the language of this outhor that he has known many eases where persons affected with clap without any uleer have communicated chanceres and vice verge. Nor is the testimony of bullen, so famed for nice observation and discernment in diseases, wanting in confirmation of these points. Upon this subject he ene preper his view in these words "I am convinced that the infection producing gonorhea and that producing chanceres are one and The same. The facts and opinions conjoined with similar examples entitled to The the highest consideration, both of older and more recent oute, from he your a roubt that chancers and syphilis are caused by the infections matter of gonorrhan; and in addition to there, a care is here subjoined as coming under my personal observation, and for The accuracy of the statement, and the inferences orawn from it, I am sure I or not err, having had an opportunity of witnessing it Through all The



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various stuges, and Protean forms in which the disease appeared. Mr_ evutracted a gonor had attended with the usual oymptoms, such as aroor wrince, a visehange of purulent matter from the worthra, Chorder 46. These symptoms were treated, by purgatives, low oret and diverties for mearly a month, when the disease having abuted in violence, the patient improvently allowed himself inoulgences by which the disease was much aggravated. About This time a slight excoriation of the prefered occurred of which the patient complained, and the inflammation running to a considerable height it was thought proper to envelope the penies in a large poullier, this was Continued for two or Three night, during which line the inflamma tion was very much reduced, and the abraded surface and an abservable turnefaction of the prepuce, were not regarded with further Complaint at This Time. In a few onys, however The abruse or part of the prepuce commenced a vise hurge of matter, and from this time, assumed all the characters of a troublesome ulcer; the inquinal glous became eveniderably enlarged and very painful, and the case having put on a new aspect, at the same time that the original disease con timued with unabated violence, it was Thought advisable to

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consult the opinion of an uninent and distinguished practitioner of this bity as negarded the character of the ulcer and the treatment meestary to be pursued. If my understanding of his opinion does not deceive me, it was pronounced to be a genuine syphilitie aleer; and for its cure, as well as the inquinal affection, the blue pile and Hack wash were preseribed and used. Moverate pty alism was invued by the use of the mercury, and all these appearees of syphilis were numored by the healing of the uleer and the absence of pain or enlargements of the lymphatic glands of The grown. But this, which proved only a temporary calm to the feelings and suffering of The patient, seemed to be the harbinger of more calamity and dire events; for the storm which had been menacing the invasion of the hitherto unshattered refael, seemed only to have subsided to acquire greater impetuosity in order to ingulph its victim with a deluge of disasters. After the expiration of twenty or Thirty days from the disappearace of the uleer and butoes, the discharge from the wrethra having continued all this time, other secondary symptoms were developed, commencing in ulceration of the tonsils, and deep excavated sores dispersed to over the face, about the forehead, the alæ masi, and The ungles of The

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lower jaw. Asheolouren or livin blotches succeeded Then, occupying the body, superior and inferior extrematics; and finally The bineau ended in modes of the tibia and ulna.

During the continuance of the secondary symptoms which lasted about ten months, mercury in the form of The blue pill, and The com pound decoction of sarsaparilla were alternately used. At several Times, the patient was so far induced to consider himself well, as to lay aside the use of the remedies, and The failure in effecting a cure during se long a time, I think from subsequent experience may be attributed in part to the want of perseverance in the use of the sarsaparilla, or else to the too long continuence of the mercury, from the effects of which article the constitution of the patient has suffered manifest injury. After the appearance of the nodes, mercury was entirely disearced, and the syrup de businier afsisted by The untiphliquotic plan was wholly neliece upon to effect a cure, and the patients health may now he considered as pretly well establish en; The moves having disappeared, and no remains of disease continuing from which he has suffered inmensely for nearly twelve months.

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I am assured That no sercual intercourse was indulged in by The patient since the commencement and during the continuance of his bisease, by which, the possibility of his having by any such communication Contracted a syphilis is done away. And, unless it be admitted that gonorrhæa does give vine to syphilis in the way already attempted to be described how can it be supposed that This Train of constitution al disturbance was excited? I am aware That some, to supply The deficiencies in argument and facts where such difficulties are presented for solution, have by Their ingeneity substituted the possibility That both gonorrhan and syphilis, in This us in all similar cases might have been contracted at the same moment, and that the one may have rem. aince quiet and dormant in the system for some line, until a certain state or peculiarity of constitution called its concealed poison into action, thirty providing the diseased state which is here considered as refer able to gonorrhea. If in The absence of all proof That Ruch a state or condition of the system or of the vines of syphilis does excist, in all Those cases in which gonorshea is succeeded by syphilis; and this supposition be admitted in opposition to the inferences orewen from such facts as in the preceding case, may we not by an extension of



this kind of privilege be enabled successfully to combat and even subscrit most or all of the fundamental principles of the animal economy, which have been long established and hitherte withstood the test of time and scruting of past investigation?

Meretofore my nemarks have been chiefly confined to the consideration of gonorrhea in the provention of secondary symptoms of a senereal character; but, as The subject also embraces the identity of the virus in either case, to prove which, it yet remains to adonce evidence to sustain the overrine That syphilis is sometimes the cause of gonorhaw. It will be evereeded That This result is navely obtained, except where direct experiments have been nesorted to, in order to ascertain The truth of the above position. The neason of the emprequency of This occurrence may in a very great degree become obtions from The uncertainty of the application of the matter of a chancre to the lips of the wether, and the obstacles to its insimuation or introvuetion into This Canal. Enperiments, however, performed by Those to whom I have alneary referred to as authority, by Van Swieten and others, clearly or monstrate the fact, That the matter of a chance is productive in numerous instances of gonorhiea.

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In deriging that exphilis is ever the cause of gonorhan come go so far us to say, that the matter of a chance will not produce any himo of wheer Whatever. But, if the authority deposed to This appertion is to be received, it must be admitted that proof of such a negative character stanos upon a slender support, and cannot be fully sustained, with such positive lvidence arrayed against it. Vailures in obtaining unticipated results from experiments, should not lead us into such inferences, when other en perimentalists have enceepfully and satisfactorily shown that there results may be obtained; for it often happens, that experiments in other ways than where the matter of a chance is used, fail at one line, when under more propritions eineumstances they are attended with an uniformity in certainty and success. I ometimes in inoculations with the matter of small por, either from the impurity of the matter, or from some other cause we fail in proon cing the variolous affection; but, should the be lead by This into The error that the human system cannot be operated upon in This way? Or should it be supposed, because a person may have been exposed again and again to the causes of small por in the natural way and escaped without viscase, that he shall in futureblement from the influence of this infection? And let this last proposition be admitted, can we from that fact, arrive at The



conclusion that small poor is incapable of reproducing itself. Pricinly in the same relation does explicit present itself when the similater of effects are contrasted with those of small poor; although it is charfully conceded, that the former is not so invariable, as the last mentioned circum, in the consequences to be averibed to it.

In the preceding pages I have endeavoured in a succinct manner, to enplain some of the most common, familiar and at the same time most plansible objections, which have usually been urged in opposition to The opinion a orfitea and abvanced in This efony; at the same time facts have been presented in corroboration of These views, in place of levious arguments, from which it appears that gonorshae and suplishis have a Common poison, and populs a acciprocal action in the production of each other through the intervention of this common cause of these morbice states or conditions of the human system. It then becomes wident that the various uppearances afaunce by these forms of visease, so mis originate in Their spe cific character, but proceed from the structure of the parts in which The morbid action induced by The infection is realier; and in accordance with the view of b. bullen, in discriminating between these forms and appearances, we must be quieled by the beat or general organistoms present.



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Without indulging in other observations and enquiries involved in This ois cupion, which might provably exceed the reasonable limits of a provace tion of This kind, I shall now orsmits the further consideration of This part of the subject without any other remarks and page on to the Treatment of gonorrhea.

In the incipient stage of gonorshea there is always more or lep inflow matery action present, which increases with the progress of the bisease, unless the proper corrections and presentions he applied in due time. To counteract this tendency in gonorsheed constitutes the first increation in all unpting a case, and upon the most rational principles in practice, blood letting especially if the examptions of inflammation attain any being hit, progratives, absolute rest, low over, and the total binner of all stimulating drinks with he formed eminently subscribed to our purpose.

Purgatives should in no wise be omitted in the commencement of this disease. By early assorting to there and puristing in their employment for several days, the disease how been writted and a perfect case per formed without the apistance of any other sements, for the them what is derived from abstinence and next. For this purpose a preference has



has been given to a combination of julap and super tartrate of potato in small and repeated doses. The suephates of magnisiwas soon, also are frequently used as purgatives in suboring the in flammation.

If the disease refuse to yeile nearily to the preceding remedies: we should conjoin with this course of heatment the a oministration of ciureties. Among there, balsam copairer deservedly stanos foremost, and should be resorted to negaraless of inflammation. For this prac Tice we are indulted to Professor Chapman, and oreperience has fully tested the high value and actioned justly due to it. It may be given alone dropped in water or on engar in the dow of twenty or thirty orops three Times a ony, to be increased daily; or the following formula may have a preference: By Balsam Copaina, Spts: Nit: Dule: au 3/6 Time: Opii, Opti: Lav: Compos: Pulo: Gum Arab: an zi aqua Font: Zirij, to be mined together and a table spoonfull given three times a ong. At late preparation of This article, by which it is made into pills, seems well Calculated to supply the other forms in which it is administened alone, when naused and other visagreable effects are excited. The apinitoop turpentine is also a highly weeful remedy in gononhear, and may be

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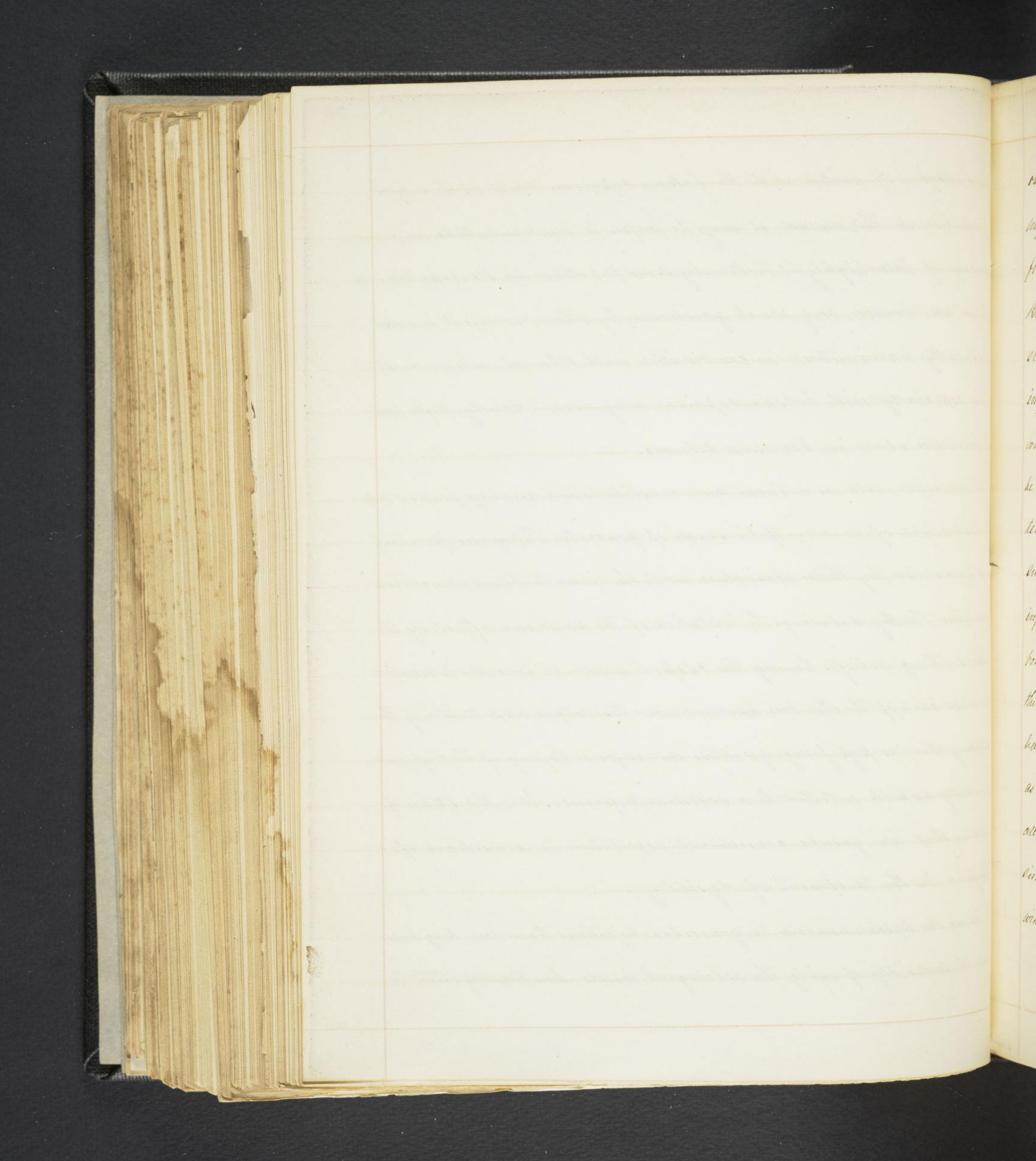
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of dividies in this disease, it may be proper to mention en hels as a remedy of late highly excluded by some practitioners. Its reputed virtues are, however, very, much questioned by other; and as it is most frequently administered in combination with other divorties, and more especially with balsam copaina, may we mot fairly infer that it sometimes whom in borrowed colours.

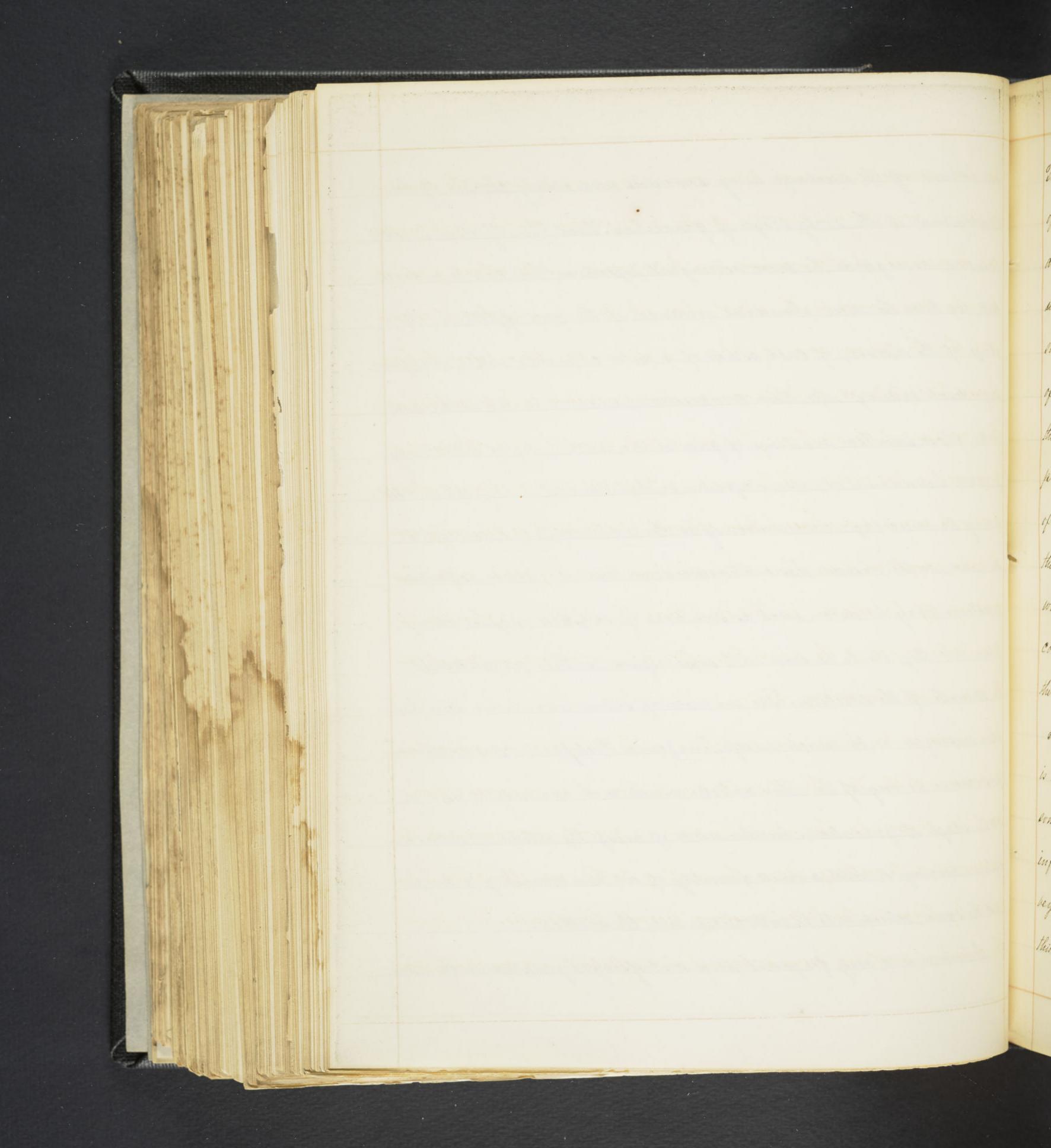
Demuleurs, both as a local and constitutional remedy chould not be lost sight of in any of the stages of gonorhum. They seem pendang will calculated, by their administrace with the virus, to blust its acrieve qualities, thereby calming the instation of the parts and affording the most southing relief. Among the class, I would be permitted to mention the inner bark of the elementary under the unique appellation of the slipping elm, as properties qualities not inferior to any of the class, and in many respects entitled to a occident preference. It is this species of the elm that has quined considerable reputation in some parts of Virginia, in the treatment of dysentry.

Among the topical semedies in gonorrhea, injections have heen long known, but, the propariety of using the astringent hinos, has been objected to,



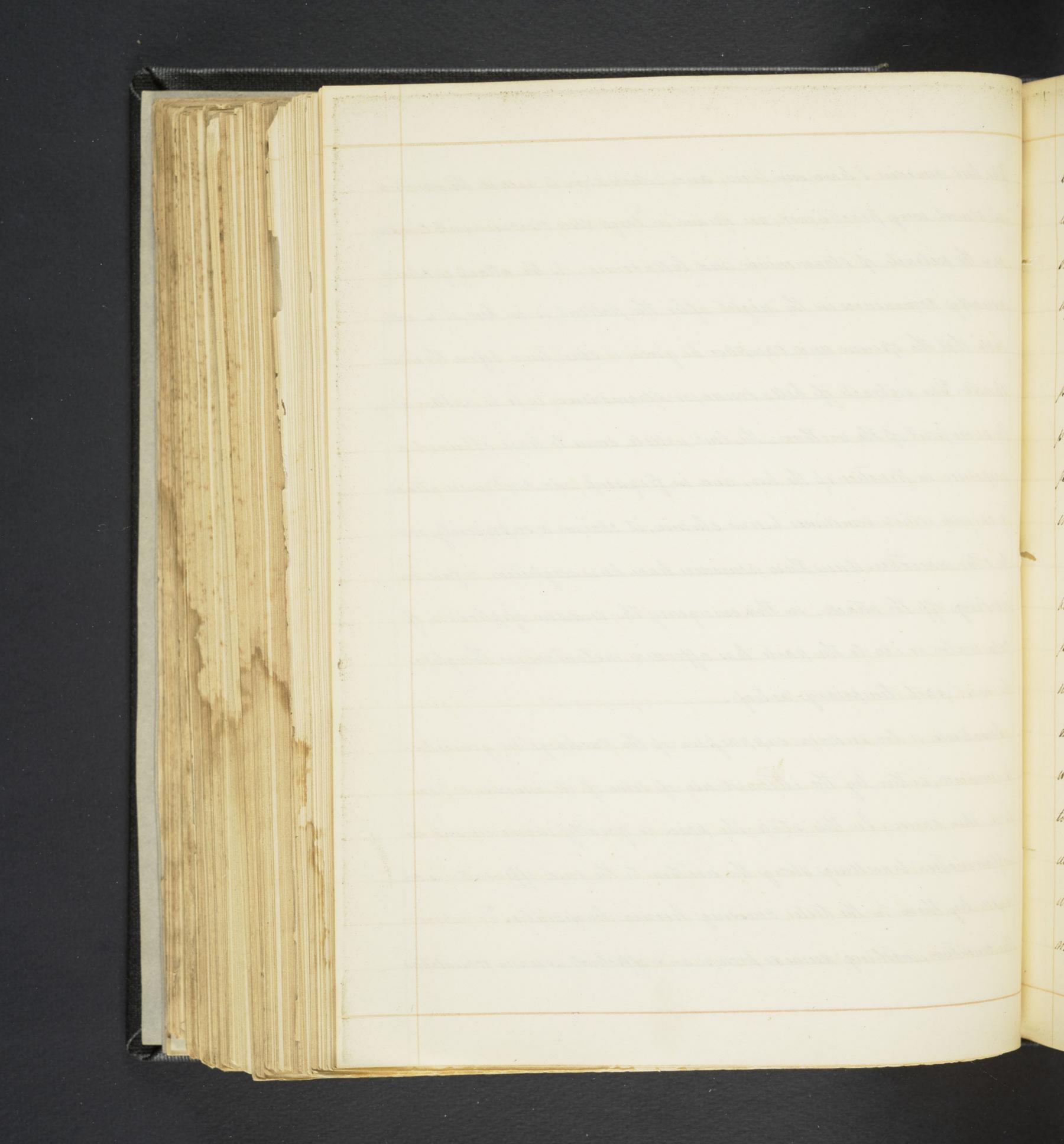
on account of the discharge being sometimes prematurely checked by Their employment in the early stages of gonorhaw. That This objection is well founded, as negards the more astringent injections, there can be no douts. But, we have the most abundant evidence of the good effects, in This stage of the disease, of such as are of a mile character, with mucilaginous ingredients entering into Their composition; anch as burley water, none water, flowe even two, mucilage of gum arabic, and to any of which may he added landament or balsam copaira, so That There last he very much sile ted by the mucilage and water. After the inflammation is somewhat Subvued, or the disease has continued some time, the snore astringent injection may be used, such as solutions of sulphate of zine, alum, or borase, but, they are to be used with some regard, in their commencement, to the strength of the estution. The nitrate of cilour, and nitrie acid have been employed with much encep. The former Profesor Gibron comicons as superior to any of the other articles mentioned, and may be used in all the stages of gonorhew. Another mode of using the intruce of silver con Pirts in wincing it with a small quantity of oil and emearing a bougie with the same, which is to be introduced into the weethre.

Chardee is a very frequent and distressing eyemptom in This disease.



The best remains I have even trice, and which same to acceive the sanction of almost very practitioner, are spicen in large deen sembine with campus and the retracts of estramenium and besta roma. As the astack of chorea parently commences in the night after the patient is in her, it is admitted that the opinion and campus he given a chort time before the hear of soil. One intract of best abound, or abramenium is to be substituted a properties in practice of the two, and in frequent and continued attacks of chorder which sometimes become chronic, it claims a superiority over the other narcotics. When there are minimis have here mergency the ender application of cota water or ice to the part has afforded instantaneous things for the most part temperary active.

Sometimes a too encluen eapprepion of the discharge in gonorhead is induced, either by the illtimed new of some of its remedies, or from some other cause. In this state the pairs is greatly increased, and the inflammation travelling along the wrether to the vasa efferentia is con beyon by them to the testes causing herrica humoralis. To relieve this condition, nothing seems so prompt and effectual as warm formentations



but more especially warm poulties of mills and bread, which show be large enough to encelope the penis completely and to be semored several times in the course of the only having its place supplied by a fresh poultice at each semoval.

The inflammation may have attained each a height, unaccom panice by a suppression of the discharge, as to require the aid of poultices, and in addition to those already mentioned the saturnine poultice applied cold, has proved very successful in alleying this inordinate excitement.

Prequest ablation of the parts with depice, or color water as may had evil the feelings of our patient, and the questert regard both to personal cleanliness and that of the dress, are of the first importance in the breatment of gonorshow in every stage, and should be vigitly emjoiness in our prescriptions. By a saw regard to these points to which the attention a hould be constantly directed in practice, much is admit to the comfortable feelings of our patient; besides, they constitute in a great degree the precautionary safeguards against the encrockment of This disease upon the constitution, when it becomes one of the most fermionate malacies with which our art has to contend.

